

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number		10573054
Filing Date		2006-03-22
First Named Inventor	Liu	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	101232-1P US	

## **U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/G.S./	1	5482956		1996-01-09	Lunkenheimer et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

## **U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/G.S./	1	20020006948		2002-01-17	Halfbrodt et al.	
/G.S./	2	20040116465		2004-06-17	Cheng et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/G.S./	1	9411349	WO		1994-05-26	Bayer Aktiengesellschaft		<input checked="" type="checkbox"/>
/G.S./	2	9411350	WO		1994-05-26	Bayer Aktiengesellschaft		<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10573054
Filing Date		2006-03-22
First Named Inventor	Liu	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number		101232-1P US

/G.S./	3	0151473	WO		2001-07-19	Schering Aktiengesellschaft	<input checked="" type="checkbox"/>
	4	02085866	WO		2002-10-31	AstraZeneca AB	<input type="checkbox"/>
	5	2004108712	WO		2004-12-16	AstraZeneca AB	<input type="checkbox"/>
	6	2005021547	WO		2005-03-10	Pharmaxis Pty Ltd.	<input type="checkbox"/>
	7	2005030733	WO		2005-04-07	AstraZeneca AB	<input type="checkbox"/>
	8	2005030761	WO		2005-04-07	AstraZeneca AB	<input type="checkbox"/>
	9	2005030762	WO		2005-04-07	AstraZeneca AB	<input type="checkbox"/>
	10	2006033627	WO		2006-03-30	AstraZeneca AB	<input type="checkbox"/>
	11	2006033628	WO		2006-03-30	AstraZeneca AB	<input type="checkbox"/>
	12	2006033629	WO		2006-03-30	AstraZeneca AB	<input type="checkbox"/>
↓	13	2006033630	WO		2006-03-30	AstraZeneca AB	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10573054
Filing Date		2006-03-22
First Named Inventor	Liu	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	101232-1P US	

/G.S./	14	2006033631	WO		2006-03-30	AstraZeneca AB		<input type="checkbox"/>
	15	2006033632	WO		2006-03-30	AstraZeneca AB		<input type="checkbox"/>
	16	2006033633	WO		2006-03-30	AstraZeneca AB		<input type="checkbox"/>
	17	0597304	EP		1994-05-26	Bayer AG		<input checked="" type="checkbox"/>
	18	5354M	FR		1967-09-11	Chimetron S.A.R.L.		<input checked="" type="checkbox"/>
	19	1604908	FR		1972-06-23	Aries, Robert		<input checked="" type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
/G.S./	1	EVANS et al., "Synthesis of a group of 1H-benzimidazoles and their screening for antiinflammatory activity," Eur J Med Chem, 1996, Vol. 31, pgs 635-642, example 27	<input type="checkbox"/>
	2	HOLENZ et al., "Medicinal chemistry driven approaches toward novel and selective serotonin 5-HT6 receptor ligands," J. Med. Chem., 2005, Vol. 48, pgs. 1781-1795, table 1, compound 16, abstract	<input type="checkbox"/>
	3	STN International, File CAPLUS, accession no. 1972:419030, doc. no. 77:19030, KOSHLENKO et al., "Benzo(1,2-d:3,4-d')diimidazole derivatives. II. Behavior of 3,6-dimethyl- and 3,6,7-trimethylbenzo(1,2-d:3,4-d')diimidazole toward nucleophilic agents," Khimiya Geterotsiklicheskikh Soedinenii, 1971, 7(8), pgs. 1132-5; XP002307925	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10573054
Filing Date		2006-03-22
First Named Inventor	Liu	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	101232-1P US	

/G.S./	4	STN Intl, File CHEMCATS, access no. 2003:1839419, "Benzenesulfonamide, N-(1,2-dimethyl-1H-benzimidazol-5-yl)-", CAS Reg No. 488708-12-9; & STN Intl, File CHEMCATS, access no. 2003:2399372, "Benzenesulfonamide, N-(2-methyl-1-(phenylmethyl)-1H-benzimidazol-5-yl)-", CAS Registry no. 488841-64-1; & STN Intl, File CHEMCATS, access no. 2003:2595844, "Benzenesulfonamide, 4-methyl-N-(2-methyl-1-(phenylmethyl)-1H-benzimidazole-5-yl)-", CAS Reg No. 312617-94-0	<input type="checkbox"/>
/G.S./	5	STN Intl, File CHEMCATS, accession no. 2003:1839419, "Benzenesulfonamide, N-(1,2-dimethyl-1H-benzimidazol-5-yl)-" CAS Registry no. 488708-12-9; & STN Intl, File CHEMCATS, accession no. 2003:1845322, "Benzenesulfonamide, 4-bromo-N-(1,2-dimethyl-1H-benzimidazol-5-yl)-", CAS Registry no. 489397-82-2; & STN Intl, File CHEMCATS, accession no. 2003:2305521, "Benzenesulfonamide, N-(1,2-dimethyl-1H-benzimidazol-5-yl)-1-fluoro-", CAS Registry no. 503429-33-2	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Golam Shameem/	Date Considered	11/12/2009
--------------------	-----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.S./

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10573054
Filing Date	2006-03-22
First Named Inventor	Liu
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	101232-1P US

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jianzhong SHEN, Reg.#48076/	Date (YYYY-MM-DD)	2006-06-20
Name/Print	Jianzhong Shen	Registration Number	48076

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.